

L Number	Hits	Search Text	DB	Time stamp
4	41	(101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.) and @pd>=20040327	USPAT; US-PGPUB	2004/07/16 09:04
5	338	101/219.ccls. not (101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)	USPAT; US-PGPUB	2004/07/16 09:17
6	22	(101/219.ccls. not (101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)) and temper\$6	USPAT; US-PGPUB	2004/07/16 09:06
7	316	(101/219.ccls. not (101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)) not ((101/219.ccls. not (101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)) and temper\$6)	USPAT; US-PGPUB	2004/07/16 09:06
8	568	101/375.ccls. not (101/219.ccls. or 101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)	USPAT; US-PGPUB	2004/07/16 09:27
9	54	(101/375.ccls. not (101/219.ccls. or 101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)) and temper\$6	USPAT; US-PGPUB	2004/07/16 09:26
10	514	(101/375.ccls. not (101/219.ccls. or 101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)) not ((101/375.ccls. not (101/219.ccls. or 101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)) and temper\$6)	USPAT; US-PGPUB	2004/07/16 09:26
11	256	101/376.ccls. not (101/375.ccls. or 101/219.ccls. or 101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)	USPAT; US-PGPUB	2004/07/16 09:35
12	560	101/409.ccls. not (101/376.ccls. or 101/375.ccls. or 101/219.ccls. or 101/216.ccls. or 101/217.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/487.ccls. or 101/488.ccls. or 492/46.ccls. or 165/89.ccls.)	USPAT; US-PGPUB	2004/07/16 09:36
-	1	4617864.pn.	USPAT; US-PGPUB	2003/04/09 13:54
-	1	5595115.pn.	USPAT; US-PGPUB	2003/04/09 13:56
-	1	5784957.pn.	USPAT; US-PGPUB	2003/04/09 13:56
-	2	EP-557245-\$.did.	EPO; JPO; DERWENT	2003/04/09 13:57
-	1	EP-652104-\$.did.	EPO; JPO; DERWENT	2003/04/09 13:58

-	1	DE-3439090-\$.did.	EPO; JPO; DERWENT	2003/04/09 13:58
-	2	DE-19712446-\$.did.	EPO; JPO; DERWENT	2003/04/09 13:59
-	1	JP-01249449-\$.did.	EPO; JPO; DERWENT	2003/04/09 13:59
-	47	101/335-367.ccls. and (temperature with fluid)	USPAT; US-PGPUB	2003/04/09 15:08
-	272	101/\$.ccls. and (cylinder with temperature)	USPAT; US-PGPUB	2003/04/10 08:43
-	69	101/348.ccls. and (temperature or cooling)	USPAT; US-PGPUB	2003/04/10 08:45
-	488	101/348.ccls.	USPAT; US-PGPUB	2003/04/10 08:50
-	419	101/348.ccls. not (101/348.ccls. and (temperature or cooling))	USPAT; US-PGPUB	2003/04/10 08:51
-	688	101/216.ccls.	USPAT; US-PGPUB	2003/04/10 09:03
-	64	101/216.ccls. and (temperature or cooling)	USPAT; US-PGPUB	2003/04/10 09:06
-	624	101/216.ccls. not (101/216.ccls. and (temperature or cooling))	USPAT; US-PGPUB	2003/09/19 14:25
-	3	4617864.URPN.	USPAT	2003/04/10 09:29
-	22	5074213.URPN.	USPAT	2003/04/10 09:29
-	11	("0630727" "0695041" "1672036" "3064563" "3425488" "3473603" "3704669" "4093023" "4351386" "4440214" "4501955").PN.	USPAT	2003/04/10 09:36
-	0	101/\$.ccls. and (sprial with multi\$4)	USPAT; US-PGPUB	2003/04/10 09:43
-	37	101/\$.ccls. and multiplex	USPAT; US-PGPUB	2003/04/10 09:50
-	1	cylinder with (spiral or helix or helical) with multiplex	USPAT; US-PGPUB	2003/04/10 09:55
-	170	cylinder with (spiral or helix or helical) with multi\$3	USPAT; US-PGPUB	2003/04/10 10:12
-	132	165/\$.ccls. and (cylinder with (spiral or helical or helix))	USPAT; US-PGPUB	2003/04/10 10:25
-	151	165/\$.ccls. and (multi\$4 with (spiral or helical or helix))	USPAT; US-PGPUB	2003/04/10 10:26
-	137	(165/\$.ccls. and (multi\$4 with (spiral or helical or helix))) not (165/\$.ccls. and (cylinder with (spiral or helical or helix)))	USPAT; US-PGPUB	2003/04/10 11:48
-	3	089070.ap.	USPAT; US-PGPUB	2003/04/10 11:48
-	1	6105651.pn.	USPAT; US-PGPUB	2003/04/10 13:29
-	1	4071081.pn.	USPAT; US-PGPUB	2003/04/10 13:31
-	1	5881643.pn.	USPAT; US-PGPUB	2003/04/10 13:31
-	1	5813334.pn.	USPAT; US-PGPUB	2003/04/10 13:32
-	1	4074750.pn.	USPAT; US-PGPUB	2003/04/10 13:32
-	317	101/217.ccls.	USPAT; US-PGPUB	2003/04/10 13:33
-	31	101/217.ccls. and temperature	USPAT; US-PGPUB	2003/04/10 13:34
-	286	101/217.ccls. not (101/217.ccls. and temperature)	USPAT; US-PGPUB	2003/04/10 13:37
-	303	492/46.ccls.	USPAT; US-PGPUB	2003/04/10 13:51
-	477	101/487.ccls. or 101/488.ccls.	USPAT; US-PGPUB	2004/03/26 14:20
-	129	101/349.1.ccls.	USPAT; US-PGPUB	2003/04/10 14:01
-	18	3847212.URPN.	USPAT	2003/09/04 08:14

-	8	5595115.URPN.	USPAT	2003/09/04 08:19
-	1	6220161.URPN.	USPAT	2003/09/04 08:21
-	12	("1820074" "1837562" "2650034" "2875985" "4090553" "4093023" "4183298" "4774771" "4920881" "5595115" "5694848" "5881643").PN.	USPAT	2003/09/04 08:21
-	1	1813142.pn.	USPAT	2003/09/19 14:05
-	1	2015747.pn.	USPAT	2003/09/19 14:05
-	1	2531998.pn.	USPAT	2003/09/19 14:05
-	14	101/\$.ccls. and ((heat adj (transfer or exchange)) adj (cylinder or roll or roller))	USPAT; US-PGPUB	2003/09/19 14:29
-	6	165/89.ccls. and (area with turbul\$4)	USPAT; US-PGPUB	2003/09/19 14:45
-	114	165/89.ccls. and (area)	USPAT; US-PGPUB	2003/09/19 14:47
-	26	165/89.ccls. and (turbul\$4)	USPAT; US-PGPUB	2003/09/19 14:45
-	31	165/89.ccls. and (area with section\$2)	USPAT; US-PGPUB	2003/09/20 14:28
-	15	4252184.URPN.	USPAT	2003/09/20 14:25
-	44	165/\$.ccls. and 101/\$.ccls.	USPAT; US-PGPUB	2003/09/20 14:28
-	11	("3704669" "4440082" "4821640" "4903599" "4913048" "5065675" "5074213" "5189960" "5215013" "5241905" "5309838").PN.	USPAT	2003/09/20 15:28
-	1	6688223.pn.	USPAT; US-PGPUB	2004/03/25 17:09
-	6	5784957.URPN.	USPAT	2004/03/25 18:02
-	8	("4821640" "4903599" "4913048" "5074213" "5178064" "5241905" "5309838" "5535674").PN.	USPAT	2004/03/25 18:03
-	12	2875985.URPN.	USPAT	2004/03/25 18:07
-	36	(US-5676754-\$ or US-4440214-\$ or US-4451960-\$ or US-4492088-\$ or US-5713216-\$ or US-6139528-\$ or US-5409057-\$ or US-RE32169-\$ or US-4232733-\$ or US-3768291-\$ or US-3826304-\$ or US-3847212-\$ or US-6105651-\$ or US-4071081-\$ or US-5292298-\$ or US-4090553-\$ or US-5595115-\$ or US-4617864-\$ or US-5784957-\$ or US-4183298-\$ or US-6220161-\$ or US-6109177-\$ or US-5881643-\$ or US-5571563-\$ or US-5571564-\$ or US-4712475-\$).did. or (US-4086691-\$ or US-4077466-\$ or US-4252184-\$ or US-6688223-\$).did. or (EP-557245-\$).did. or (JP-01249449-\$).did. or (EP-557245-\$ or EP-652104-\$ or DE-3439090-\$ or DE-19712446-\$).did.	USPAT; EPO; JPO; DERWENT	2004/03/25 18:12

-	14	((US-5676754-\$ or US-4440214-\$ or US-4451960-\$ or US-4492088-\$ or US-5713216-\$ or US-6139528-\$ or US-5409057-\$ or US-RE32169-\$ or US-4232733-\$ or US-3768291-\$ or US-3826304-\$ or US-3847212-\$ or US-6105651-\$ or US-4071081-\$ or US-5292298-\$ or US-4090553-\$ or US-5595115-\$ or US-4617864-\$ or US-5784957-\$ or US-4183298-\$ or US-6220161-\$ or US-6109177-\$ or US-5881643-\$ or US-5571563-\$ or US-5571564-\$ or US-4712475-\$).did. or (US-4086691-\$ or US-4077466-\$ or US-4252184-\$ or US-6688223-\$).did. or (EP-557245-\$).did. or (JP-01249449-\$).did. or (EP-557245-\$ or EP-652104-\$ or DE-3439090-\$ or DE-19712446-\$).did.) and thin 5595115.URPN.	USPAT; US-PGPUB	2004/03/25 18:13
-	10		USPAT	2004/03/25 18:14
-	11	((US-5676754-\$ or US-4440214-\$ or US-4451960-\$ or US-4492088-\$ or US-5713216-\$ or US-6139528-\$ or US-5409057-\$ or US-RE32169-\$ or US-4232733-\$ or US-3768291-\$ or US-3826304-\$ or US-3847212-\$ or US-6105651-\$ or US-4071081-\$ or US-5292298-\$ or US-4090553-\$ or US-5595115-\$ or US-4617864-\$ or US-5784957-\$ or US-4183298-\$ or US-6220161-\$ or US-6109177-\$ or US-5881643-\$ or US-5571563-\$ or US-5571564-\$ or US-4712475-\$).did. or (US-4086691-\$ or US-4077466-\$ or US-4252184-\$ or US-6688223-\$).did. or (EP-557245-\$).did. or (JP-01249449-\$).did. or (EP-557245-\$ or EP-652104-\$ or DE-3439090-\$ or DE-19712446-\$).did.) and thin) not (((US-5676754-\$ or US-4440214-\$ or US-4451960-\$ or US-4492088-\$ or US-5713216-\$ or US-6139528-\$ or US-5409057-\$ or US-RE32169-\$ or US-4232733-\$ or US-3768291-\$ or US-3826304-\$ or US-3847212-\$ or US-6105651-\$ or US-4071081-\$ or US-5292298-\$ or US-4090553-\$ or US-5595115-\$ or US-4617864-\$ or US-5784957-\$ or US-4183298-\$ or US-6220161-\$ or US-6109177-\$ or US-5881643-\$ or US-5571563-\$ or US-5571564-\$ or US-4712475-\$).did. or (US-4086691-\$ or US-4077466-\$ or US-4252184-\$ or US-6688223-\$).did. or (EP-557245-\$).did. or (JP-01249449-\$).did. or (EP-557245-\$ or EP-652104-\$ or DE-3439090-\$ or DE-19712446-\$).did.) and thin\$1wall\$2)	USPAT; US-PGPUB	2004/03/26 11:03

-	3	((US-5676754-\$ or US-4440214-\$ or US-4451960-\$ or US-4492088-\$ or US-5713216-\$ or US-6139528-\$ or US-5409057-\$ or US-RE32169-\$ or US-4232733-\$ or US-3768291-\$ or US-3826304-\$ or US-3847212-\$ or US-6105651-\$ or US-4071081-\$ or US-5292298-\$ or US-4090553-\$ or US-5595115-\$ or US-4617864-\$ or US-5784957-\$ or US-4183298-\$ or US-6220161-\$ or US-6109177-\$ or US-5881643-\$ or US-5571563-\$ or US-5571564-\$ or US-4712475-\$).did. or (US-4086691-\$ or US-4077466-\$ or US-4252184-\$ or US-6688223-\$).did. or (EP-557245-\$).did. or (JP-01249449-\$).did. or (EP-557245-\$ or EP-652104-\$ or DE-3439090-\$ or DE-19712446-\$).did.) and thin\$1wall\$2	USPAT; US-PGPUB	2004/03/26 11:10
-	134	101/\$.ccls. and thin\$1wall\$2	USPAT; US-PGPUB	2004/03/26 12:46
-	6	(US-3473603-\$ or US-1837562-\$ or US-2875985-\$ or US-2650034-\$ or US-1813142-\$ or US-2015747-\$).did.	USOCR	2004/03/26 11:16
-	3	((US-3473603-\$ or US-1837562-\$ or US-2875985-\$ or US-2650034-\$ or US-1813142-\$ or US-2015747-\$).did.) and thin	USOCR	2004/03/26 11:16
-	573	165/89.ccls.	USPAT; US-PGPUB	2004/03/26 12:46
-	23	165/89.ccls. and (thin with wall\$2)	USPAT; US-PGPUB	2004/03/26 12:46
-	15	(165/89.ccls. and (thin with wall\$2)) not (165/89.ccls. and thin\$1wall\$2)	USPAT; US-PGPUB	2004/03/26 12:46
-	354	101/\$.ccls. and (thin with wall\$2)	USPAT; US-PGPUB	2004/03/26 12:46
-	225	(101/\$.ccls. and (thin with wall\$2)) not (101/\$.ccls. and thin\$1wall\$2)	USPAT; US-PGPUB	2004/03/26 12:46
-	8	165/89.ccls. and thin\$1wall\$2	USPAT; US-PGPUB	2004/03/26 12:46
-	4	089071.ap.	USPAT; US-PGPUB	2004/03/26 13:11
-	3	6109177.URPN.	USPAT	2004/03/26 14:16
-	16	("3888173" "4183298" "4290363" "4534289" "4570539" "4964337" "5046420" "5074213" "5189960" "5272971" "5309838" "5406886" "5517919" "5595115" "5694848" "5823108").PN.	USPAT	2004/03/26 14:16
-	315	101/487.ccls.	USPAT; US-PGPUB	2004/03/26 14:20
-	5	5571564.URPN.	USPAT	2004/03/26 14:35
-	5	("3886683" "4263724" "5121560" "5471847" "5471927").PN.	USPAT	2004/03/26 14:36
-	3	5571563.URPN.	USPAT	2004/03/26 14:46
-	10	("3442211" "3676910" "3886683" "4369584" "4462169" "4476636" "4774771" "5111595" "5121560" "5184555").PN.	USPAT	2004/03/26 14:48
-	1	5292298.pn.	USPAT; US-PGPUB	2004/03/26 14:48
-	7	5292298.URPN.	USPAT	2004/03/26 14:57
-	9	("3058731" "4071081" "4285107" "4593744" "4631792" "4683627" "4711291" "4781795" "4955268").PN.	USPAT	2004/03/27 10:20